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**1328 RACINE ST., RACINE, WI 53403**

## HIGH HORSEPOWER HPTO DELIVERS SERIOUS POWER

Demanding work conditions require a rugged and reliable power take-off (PTO) that'll get the job done. Twin Disc's latest addition is the HP800, a middle horsepower range option in its industrial lineup of heavy-duty, hydraulically-actuated PTOs. It is debuting at CONEXPO-CON/AGG, March 7-11, in Las Vegas, Nevada.

With an impressive maximum power rating of 800 hp at 1,800 rpm, the HP800 is built to deliver serious muscle where other PTOs would falter. It's ideal for driving pumps, grinders, crushers, dredgers, chippers, shredders, heavy-duty drills and other severe applications.

Like Twin Disc's first hydraulically actuated PTO, the HP1200, the HP800 has a modular design allowing for either side-load "P" or in-line "I" applications with the simple change of bearing carriers. An advanced control system allows for smooth engagement of the driven equipment.

A key feature of the HP800 is the auxiliary drive pump towers with 400 hp maximum capacity per tower, or 450 hp maximum for both. They're rotatable by 0°, 45° and 90°, either clockwise or counter-clockwise, to allow for clearance in any installation. Optional speed increase ratios of 0.77:1 and 0.83:1 are available.

Pads and splines are easily interchangeable to accommodate varying pump sizes. Sizes SAE A through SAE E are available.

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A popular option that can be built into the HP800 is an integrated reservoir. Unlike a separate, externally mounted unit, it saves space and reduces installation cost. This innovative design allows for the installation of the standard charge/lube pump on a separate pad, freeing up all four auxiliary pads for customer use.

A spring applied, hydraulically released brake (SAHR) has been added as a standard feature. An integral, mechanical brake release allows the output shaft to easily be rotated if the driven equipment becomes jammed.

An innovative, high-capacity brake with control logic is offered as an option. It slows the output when driving large masses in a shorter amount of time.

The HP800 is available with SAE #0 (SAE J617) input housing and 18" SAE 460 (SAE J620) input coupling, or SAE #1 input housing and 14" SAE 355 input coupling. Initially offered with a dual auxiliary pump tower, a single tower version will be released at a later date.

For nearly 100 years, generations have relied on Twin Disc's tough and reliable heavy-duty industrial equipment. Like all its products, the HP800 PTO is backed by the company's unmatched worldwide sales and service support.

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**Editor's note: See Twin Disc's range of innovative power transmission products at CONEXPO-CON/AGG, Las Vegas, March 7-11, booth S85515.**